IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Heath et al.	// A O C E
Serial No.: Filed: Title: WIRELESS COMMUNICATIONS SYSTEM THAT SUPPORTS MULTIPLE MODES OF OPERATION	Group Art Unit: Examiner:
Attorney Docket No.: GIGA-001	

Assistant Commissioner for Patents Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

<u>X</u>	under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
	under 37 CFR 1.97(c) together with either a: Certification under 37 CFR 1.97(e), or a \$240.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
_	under 37 CFR 1.97(d) together with a: Certification under 37 CFR 1.97(e), and a petition under 37 CFR 1.97(d)(2)(ii), and a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1). (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

X Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: SEPTEMER 1,2000

Typed Name: Mark A. Wilson

Mand A. Well

Mark A. Wilson

Attorney for Applicants

Reg. No. 43,994

Date: September 1, 2000

Telephone No.: 925-249-1300

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known				
		Application Number		T d		
		Filing Date			00	
		First Named Inventor	Heath et al.	55°		
		Group Art Unit		36	6	
	(use as many sheets	as necessary)	Examiner Name		Jce	
Sheet	1	of	Attorney Docket Number	GIGA-001		

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	U.S. Patent Documer Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1	5,345,599	455/49.1	Paulraj et al.	09/06/1994	9	
	<u> </u>	6,067,290	370/329	Paulraj et al.	05/23/2000		
· ·							
	ļ						
		•					
	†						

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant	T°			
							Figures Appear			
·			 			-	-			
							-			
							<u> </u>			
*										

Examiner	Date		<u>-</u>	
Signature	Considered	i		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.